PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/807,172

DATE: 09/12/2002
TIME: 15:49:55

Input Set : A:\unilever5041us.txt
Output Set: N:\CRF4\09122002\I807172.raw

ENTERED

<110> APPLICANT: Unilever PLC
Unilever N.V.
FRENKEN, Leo G. J.
HOWELL, Steven
VAN DER VAART, Jan M.

<120> TITLE OF INVENTION: Antigen-Binding Proteins

<130> FILE REFERENCE: 56159-5041

<140> CURRENT APPLICATION NUMBER: US 09/807,172

<141> CURRENT FILING DATE: 2001-04-10

<150> PRIOR APPLICATION NUMBER: PCT/EP98/06991

<151> PRIOR FILING DATE: 1998-10-27

<150> PRIOR APPLICATION NUMBER: EP 99303118.6

<151> PRIOR FILING DATE: 1999-04-22

<150> PRIOR APPLICATION NUMBER: PCT/EP99/08323

<151> PRIOR FILING DATE: 1999-10-22

<160> NUMBER OF SEQ ID NOS: 51

<170> SOFTWARE: PatentIn version 3.1

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<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Artificial sequence

<220> FEATURE:

<223> OTHER INFORMATION: Linker sequence

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1 5

<210> SEQ ID NO: 2

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Artificial sequence

<220> FEATURE:

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1 5

<210> SEQ ID NO: 3

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Artificial sequence

<220> FEATURE:

<223> OTHER INFORMATION: Linker sequence

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Gly Ser Pro Gly Ser Pro Gly

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68 1 5
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72 <211> LENGTH: 11
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Primer
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82 1 5 10
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86 <211> LENGTH: 8
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Primer
93 <400> SEQUENCE: 5
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96 1 5
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 22
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Primer
107 <400> SEQUENCE: 6
108 aggtsmarct gcagsagtcw gg 22
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112 <211> LENGTH: 53
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Primer
119 <400> SEQUENCE: 7
120 aacagttaag cttccgcttg cggccgcgga gctggggtct tcgctgtggt gcg 53
123 <210> SEQ ID NO: 8
124 <211> LENGTH: 53
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Primer
131 <400> SEQUENCE: 8
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135 <210> SEQ ID NO: 9
136 <211> LENGTH: 28
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial sequence
140 <220> FEATURE:
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<210> SEQ ID NO: 11
<211> LENGTH: 26
<212> TYPE: DNA
<213> ORGANISM: Artificial sequence
<220> FEATURE:
<223> OTHER INFORMATION: Primer
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<212> TYPE: DNA
<213> ORGANISM: Artificial sequence
<220> FEATURE:
<223> OTHER INFORMATION: Primer
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ccccaagctt acatggtctt aagttggcgt 30
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<212> TYPE: DNA
<213> ORGANISM: Artificial sequence
<220> FEATURE:
<223> OTHER INFORMATION: Plasmid construct
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tggctggttt tgcagccaaa atatctgcgc aggtgcagct gcaggagtca taatgaggga 120
cccaggtcac cgtctcctca taatgactta agctt 155
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<211> LENGTH: 36
<212> TYPE: PRT
<213> ORGANISM: Artificial sequence
<220> FEATURE:
<223> OTHER INFORMATION: Plasmid construct
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1 5 10 15
Leu Phe Leu Leu Ala Gly Phe Ala Ala Lys Ile Ser Ala Gln Val Gln
20 25 30
Leu Gln Glu Ser
35

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<210> SEQ ID NO: 15
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<212> TYPE: PRT
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1 5
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<212> TYPE: PRT
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Gln Val Gln Leu Gln
1 5
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<211> LENGTH: 188
<212> TYPE: DNA
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<220> FEATURE:
<223> OTHER INFORMATION: Plasmid Construct
<400> SEQUENCE: 17
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tggctggttt tgcagccaaa atatctgcgc aggtgcagct gcaggagtca taatgaggga 120
cccaggtcac cgtctcctca gaacaaaaac tcatctcaga agaggatctg aattaatgac 180
ttaagctt 188
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<211> LENGTH: 36
<212> TYPE: PRT
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1 5 10 15
Leu Phe Leu Leu Ala Gly Phe Ala Ala Lys Ile Ser Ala Gln Val Gln
20 25 30
Leu Gln Glu Ser
35
<210> SEQ ID NO: 19
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<212> TYPE: PRT
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299 Gly Thr Gln Val Thr Val Ser Ser Glu Gln Lys Leu Ile Ser Glu Glu
300 1               5                  10                  15
303 Asp Leu Asn
307 <210> SEQ ID NO: 20
308 <211> LENGTH: 6
309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Last 6 codons of HC-V domain
315 <400> SEQUENCE: 20
317 Gln Val Thr Val Ser Ser
318 1               5
321 <210> SEQ ID NO: 21
322 <211> LENGTH: 342
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Plasmid Construct
329 <220> FEATURE:
330 <221> NAME/KEY: CDS
331 <222> LOCATION: (1)..(342)
332 <223> OTHER INFORMATION:
334 <400> SEQUENCE: 21
335 cag gtg cag ctg cag gag tca ggg gga ggc ttg gtg cag gct ggg gag       48
336 Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Glu
337 1               5                  10                  15
339 tct ctg aaa ctc tcc tgt gca gcc tct gga aac acc ttc agt ggc ggc       96
340 Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Asn Thr Phe Ser Gly Gly
341             20                  25                  30
343 ttc atg ggc tgg tac cgc cag gct cca ggg aag cag cgc gag ttg gtc      144
344 Phe Met Gly Trp Tyr Arg Gln Ala Pro Gly Lys Gln Arg Glu Leu Val
345         35                  40                  45
347 gca acc att aat agt aga ggt atc aca aac tat gca gac ttc gtg aag      192
348 Ala Thr Ile Asn Ser Arg Gly Ile Thr Asn Tyr Ala Asp Phe Val Lys
349     50                  55                  60
351 ggc cga ttc acc atc tcc aga gac aat gcc aag aag aca gtg tat ttg      240
352 Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Lys Thr Val Tyr Leu
353 65                  70                  75                  80
355 gaa atg aac agc ctg gaa cct gaa gac acg gcc gtt tat tac tgt tac      288
356 Glu Met Asn Ser Leu Glu Pro Glu Asp Thr Ala Val Tyr Tyr Cys Tyr
357                 85                  90                  95
359 act cac tac ttc aga tcc tac tgg ggt cag ggg acc cag gtc acc gtc      336
360 Thr His Tyr Phe Arg Ser Tyr Trp Gly Gln Gly Thr Gln Val Thr Val
361             100                 105                 110
363 tcc tca                                                          342
364 Ser Ser
368 <210> SEQ ID NO: 22
369 <211> LENGTH: 114
370 <212> TYPE: PRT
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VERIFICATION SUMMARY DATE: 09/12/2002
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